

WHAT IS CLAIMED IS:

1. A method of fastening a microtool comprising a first side with a plurality of protrusions and a second, essentially flat side to an object having a flat surface comprising the steps of placing a sintering object with a powder like substance
5 between the flat surfaces of the object and the flat second side of the object, and of sintering the microtool component to the object.
2. A method as claimed in claim 1, wherein the microtool is pressure sintered to the object.
3. A method as claimed in claim 2, wherein during the pressure sintering step,
10 pressure is applied "quasi-hydrostatically" or hydrostatically.
4. A method as claimed in claim 3 where elastically deformable material, such as silicone rubber, is used for exerting pressure on the microtool component having a structured surface.
5. A method as claimed in any one of claims 2-4, wherein the microtool is for
15 embossing structures in a substrate at an embossing Temperature T_E , and wherein for the temperature T_S of the microtool and the object and the sintering object during the sintering process the relation $T_E - 50^\circ < T_S < T_E + 50^\circ$ holds.
6. A method as claimed in any one of the previous claims, wherein the sintering object is a metal powder paste.

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7. A method as claimed in any one of the previous claims, where an array of microtool components is fastened to an object or to an array of objects.
8. A method for fastening a pair of microtools to a pair of objects, the pair of microtools being for embossing structures into a substrate from two sides, the method comprising the steps of assembling, for each microtool of the pair of microtools, the respective object, a sintering object and the microtool, of aligning the microtools of the pair of microtools with respect to each other, of provisionally fixing the microtools to the objects and of sintering the microtools to the objects using a method according to any one of claims 1-7.
9. A method as claimed in claim 8, wherein the microtool is provisionally fixed to the object using an ingredient of the sintering object being an adhesive.
10. A method as claimed in claim 8, wherein the microtool is provisionally fixed to the object by means of spot welding.
11. A method as claimed in claim 8, wherein the microtool is provisionally fixed to the object by means of mechanical fixation means such as rivets.
12. A product produced by the method of any one of the previous claims.